

SONY

# TRINITRON® COLOR TV BASIC SCHEMATIC DIAGRAM

KV-B2511K/RM-830

Chassis No. SCC-F72A

KV-B2911K/RM-830

Chassis No. SCC-F72B

## NOTE

THIS SCHEMATIC DIAGRAM IS FOR USE BY YOUR SERVICE TECHNICIAN.

KEEP THIS DIAGRAM HANDY FOR FUTURE REFERENCE.

Sony Corporation

4-039-324-01

© 1993

AE-2 CHASSIS

## • A BOARD \* MARK

Ref. No.	25INCH	29INCH
C323	-	560P
CN0119	-	PIN CONNECTOR 4P
D305	-	DAN202K
D311	-	DA204K
Q308	-	2SA1037K
Q309	-	2SC2413K
R324	-	1K
R325	-	470
R328	-	100
R329	-	82
R330	-	1.5K

## SCHEMATIC DIAGRAMS

### Note :

- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  
 $\text{pF} : \mu\text{F} \ 50\text{WV}$  or less are not indicated except for electrolytic.
- Indication of resistance, which dose not have one for rating electrical power, is as follows.

Pitch : 5mm  
Rating electrical power :  $\frac{1}{4}\text{W}$

$\text{k}\Omega = 1000\Omega$ ,  $\text{M}\Omega = 1000\text{k}\Omega$

$\square$  : nonflammable resistor.

$\square$  : fusible resistor.

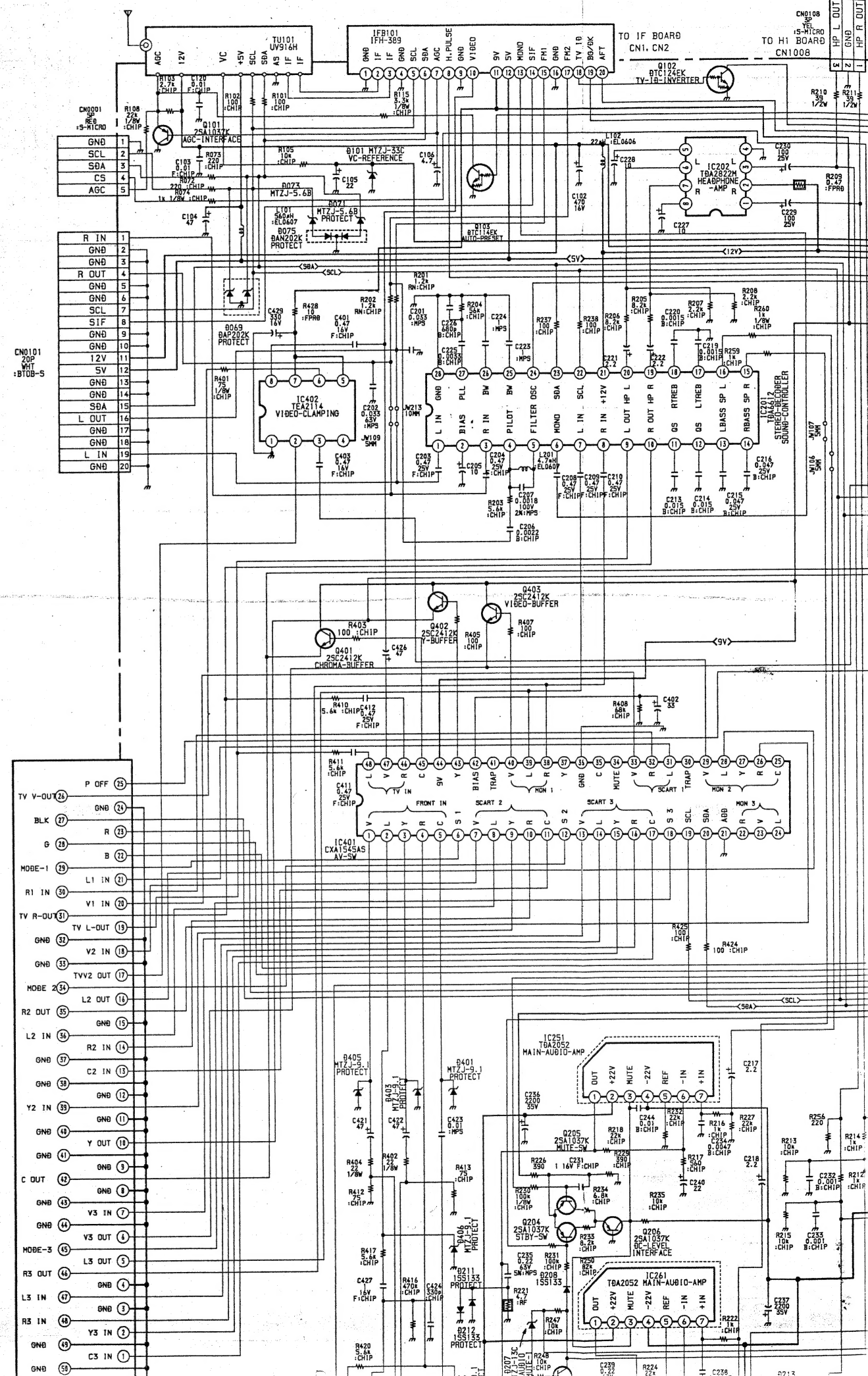
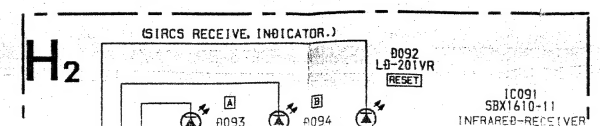
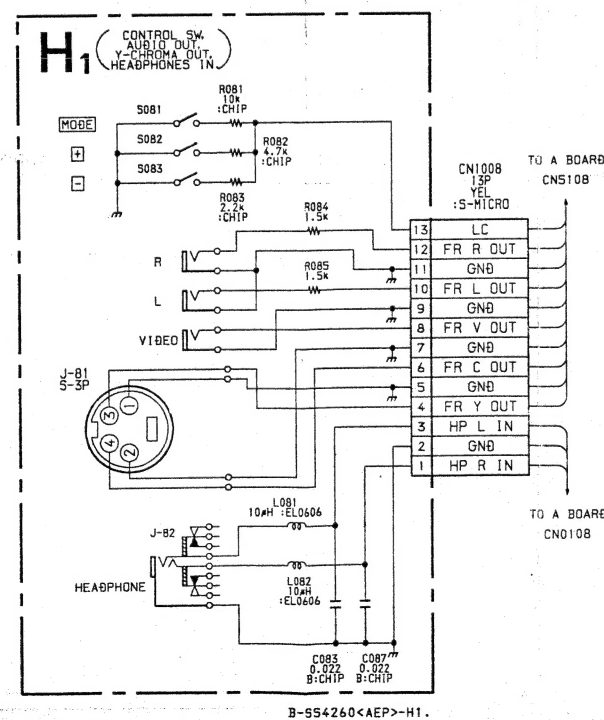
$\square$  : panel designation and adjustment for repair.

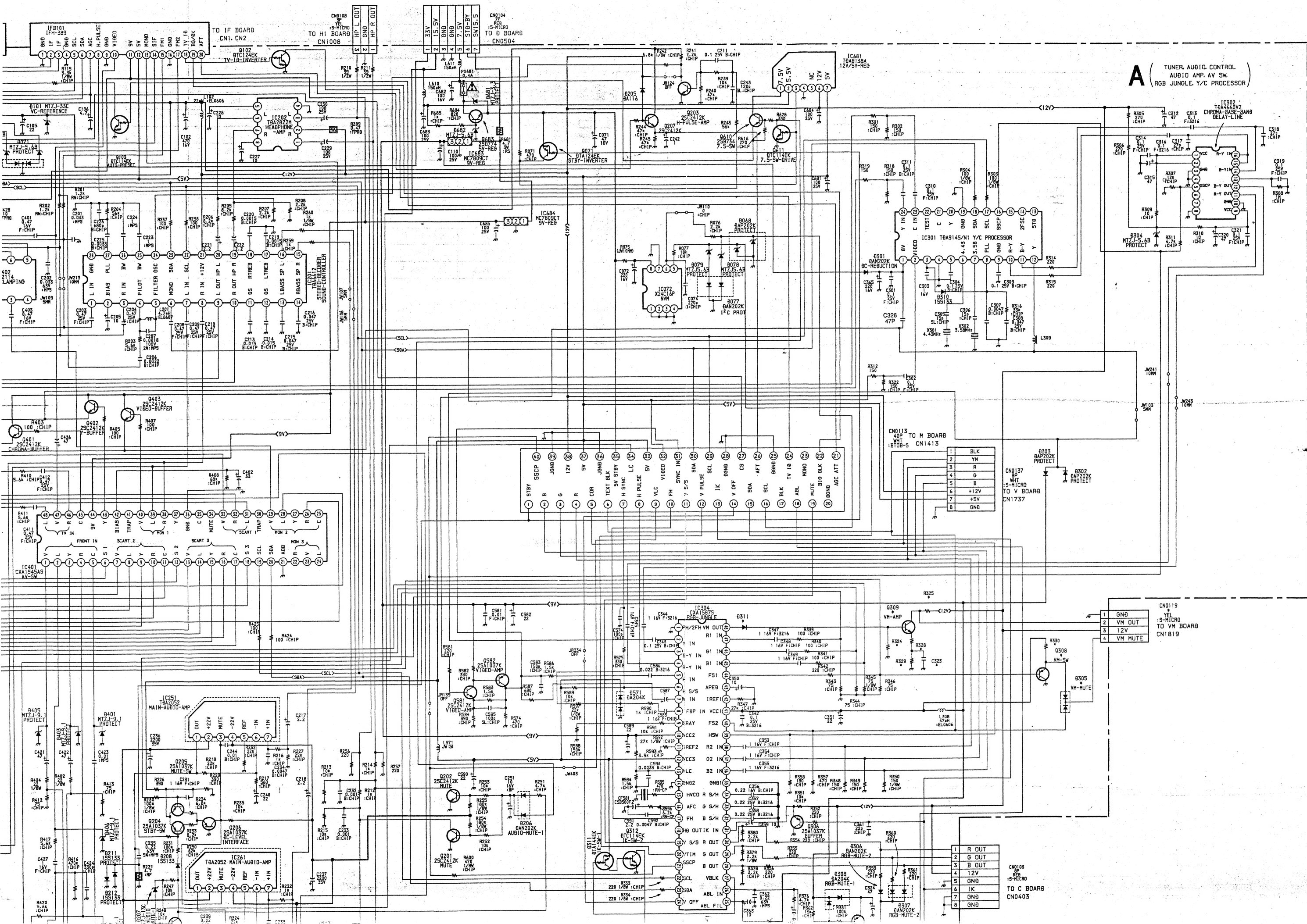
### Reference information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	*	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note: The components identified by shading and mark  $\Delta$  are critical for safety. Replace only with part number specified.


## CIRCUITO BOARDS LOCATION



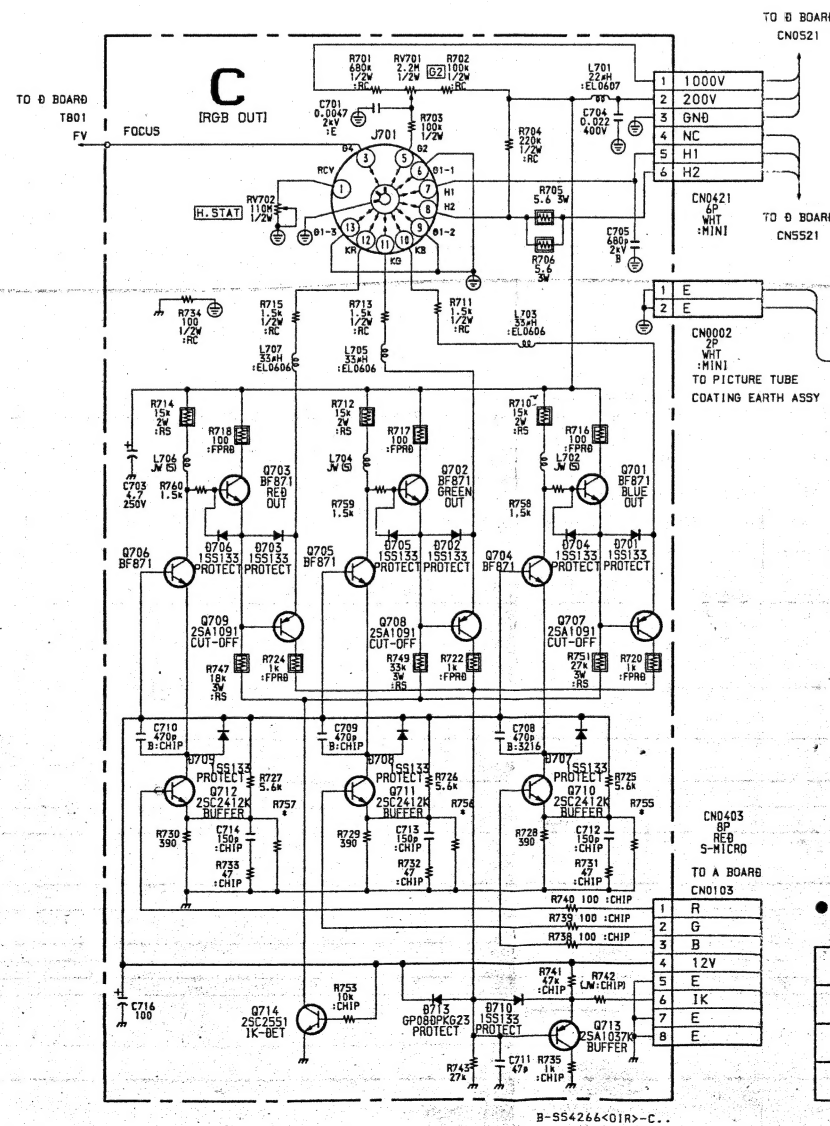
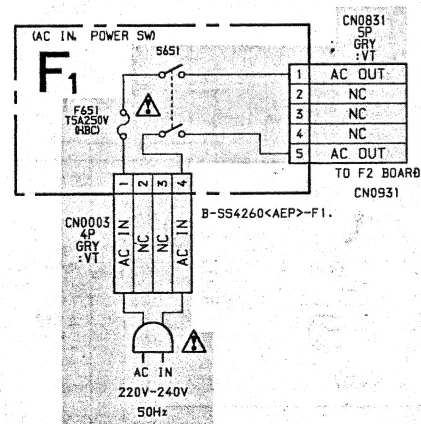
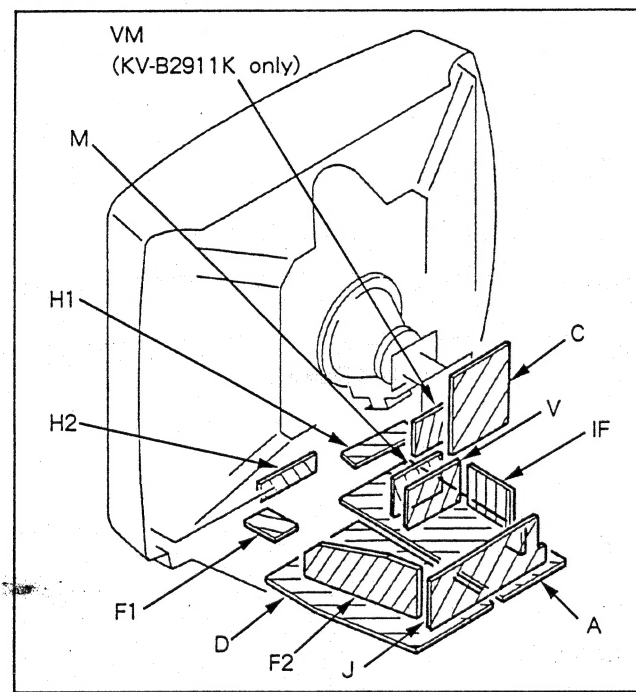




CAPACITOR TA : TANTALUM  
PS : STYROL  
PP : POLYPROPYLENE  
PT : MYLAR  
MPS : METALIZED POLYESTER  
MPP : METALIZED POLYPROPYLENE  
ALB : BIPOLAR  
ALT : HIGH TEMPERATURE  
ALR : HIGH RIPPLE

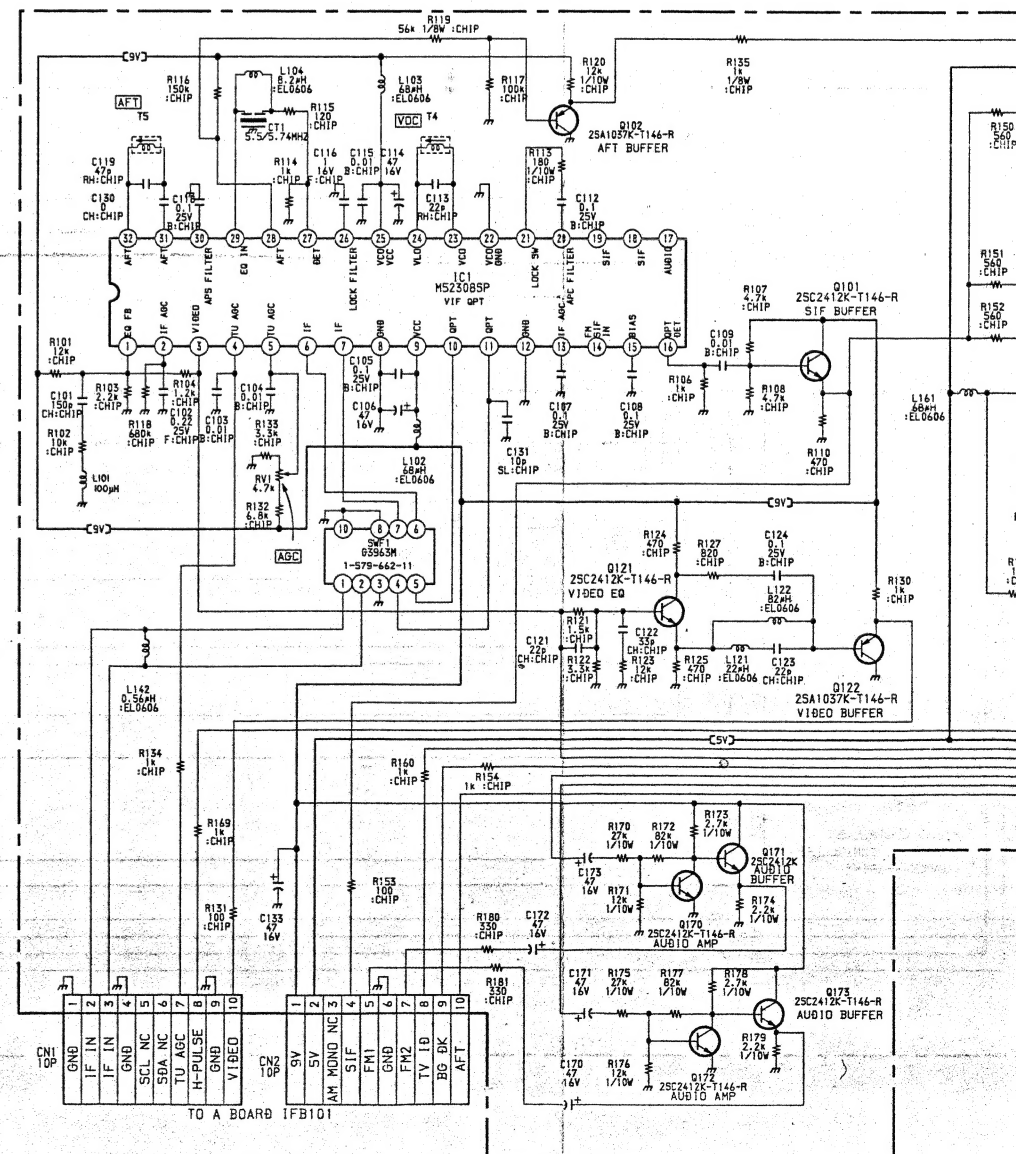
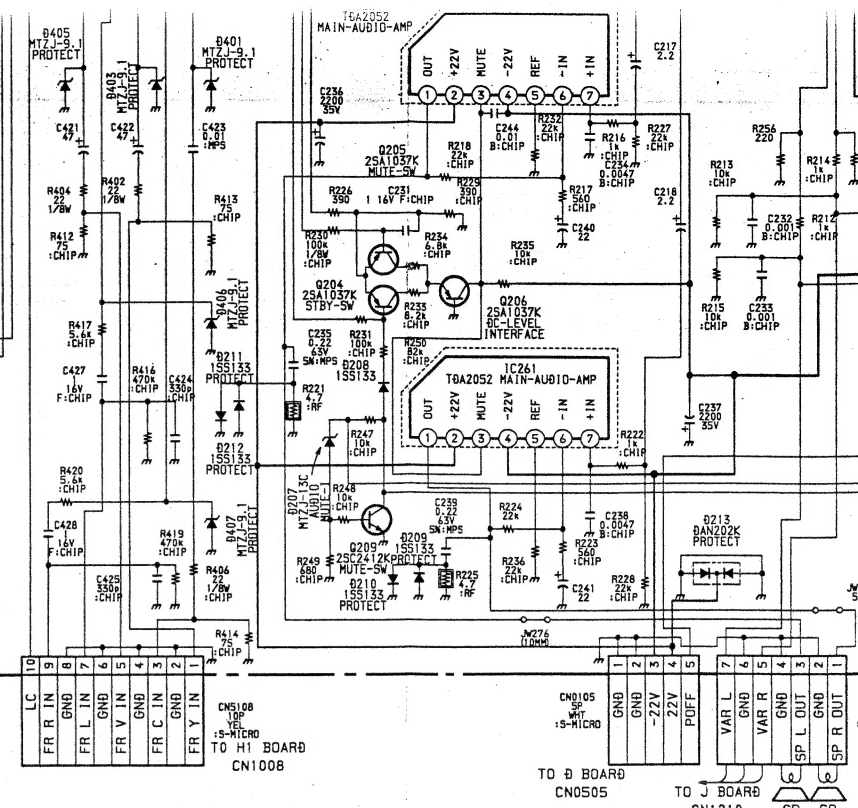
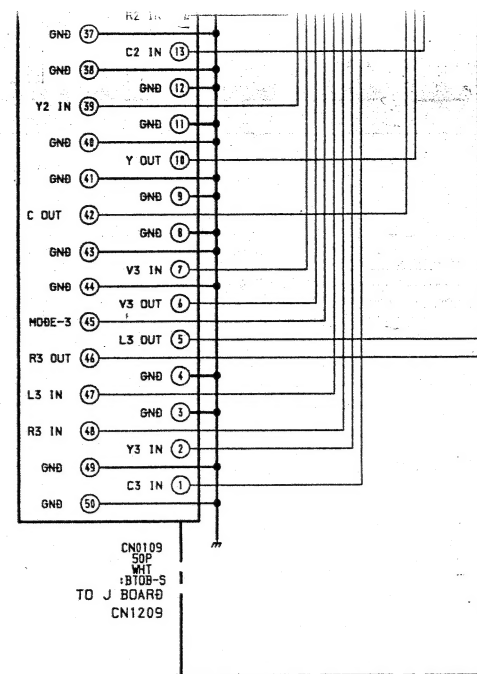
Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

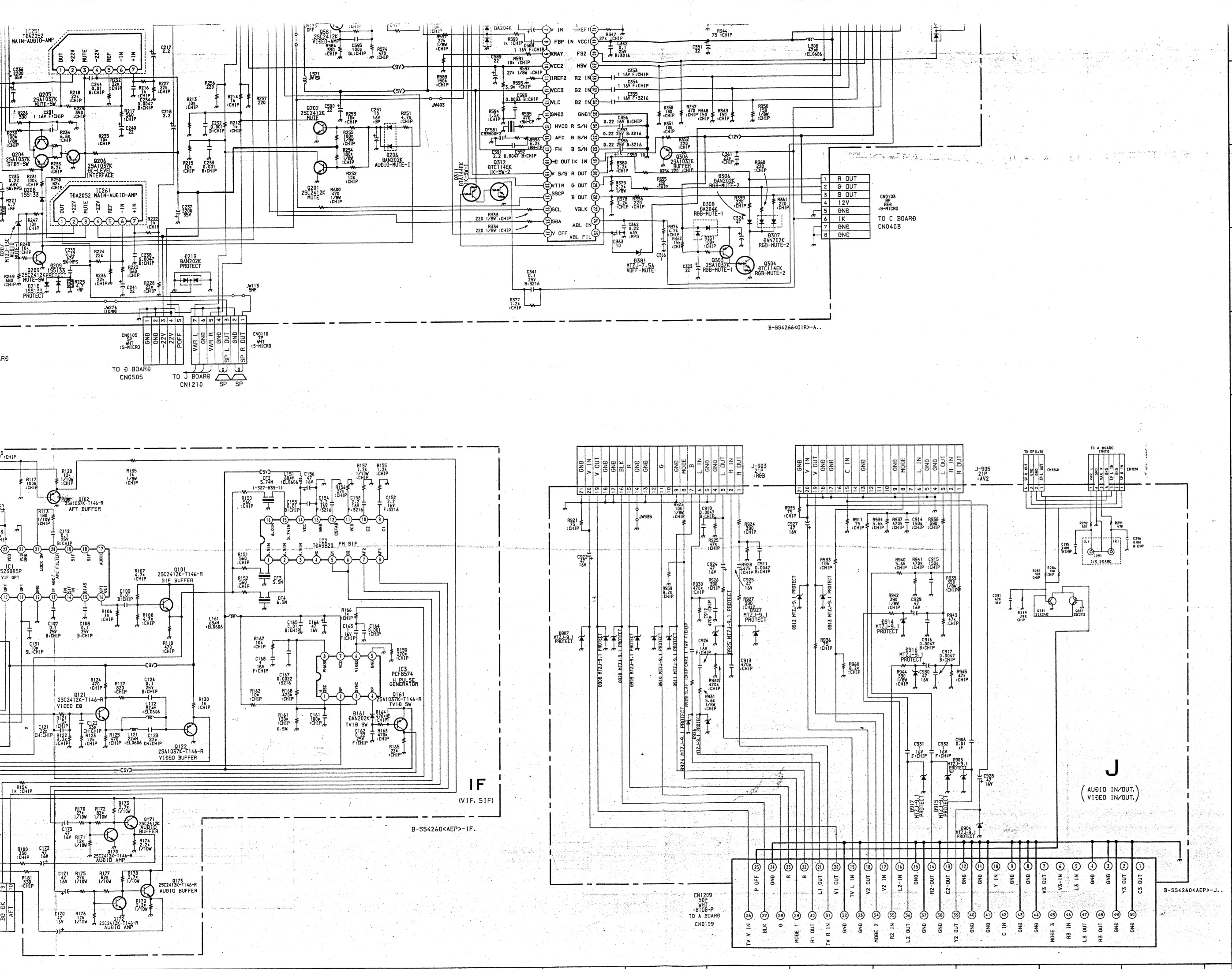
## CIRCUIT BOARD LOCATION



## C BOARD \* MARK

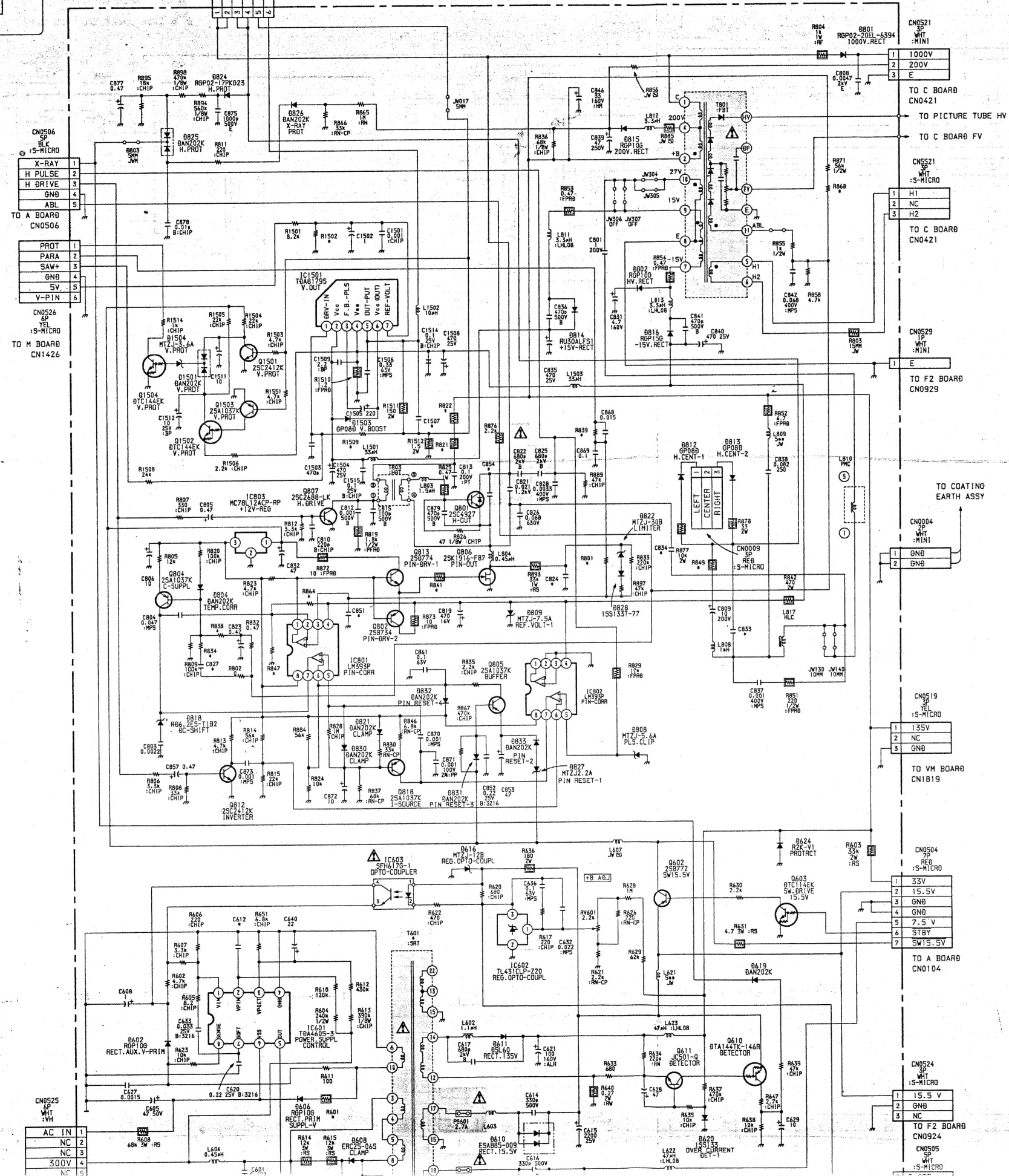
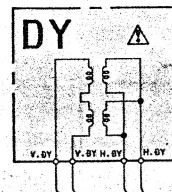
Ref. No.	25INCH	29INCH
R755	6.8K	2.2K
R756	6.8K	2.2K
R757	6.8K	2.2K





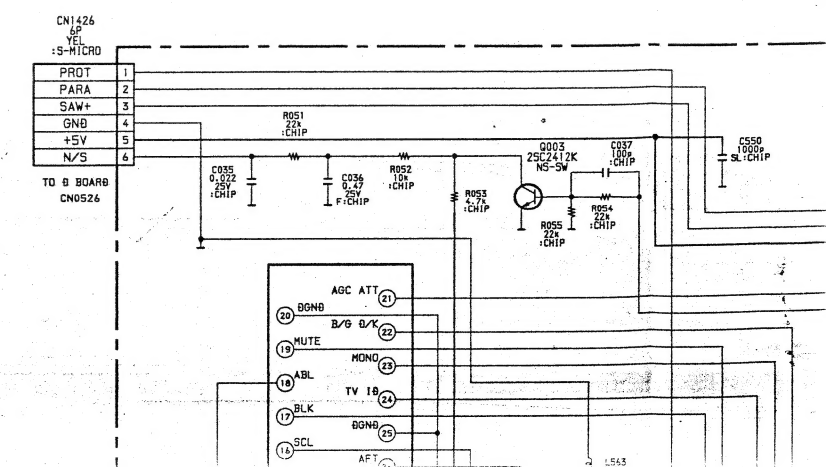
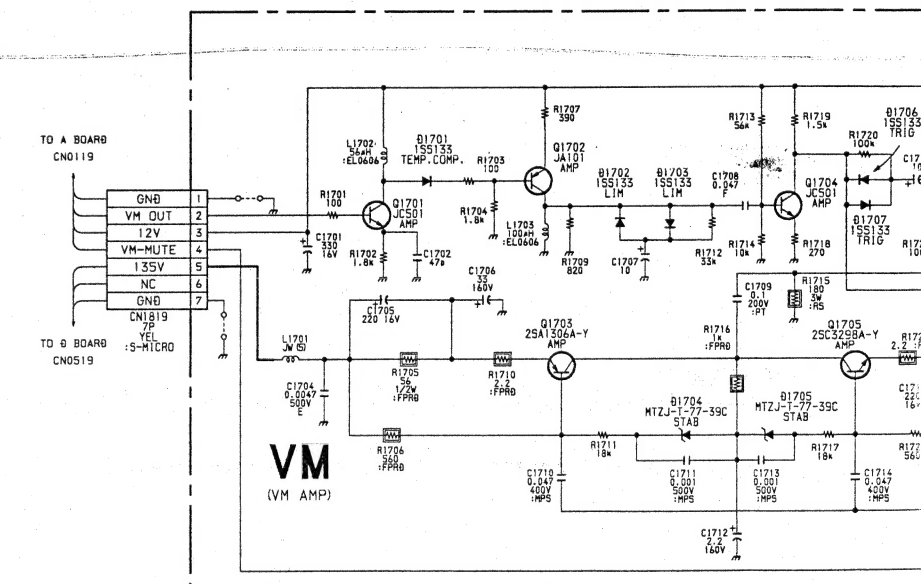
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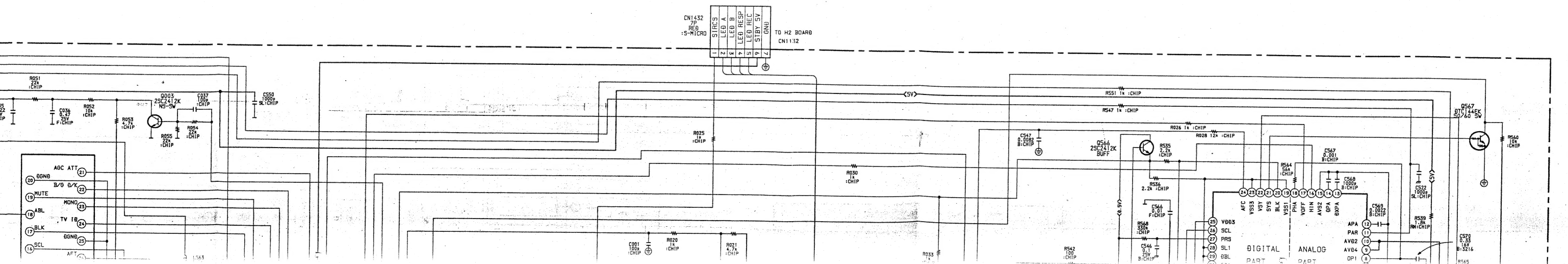
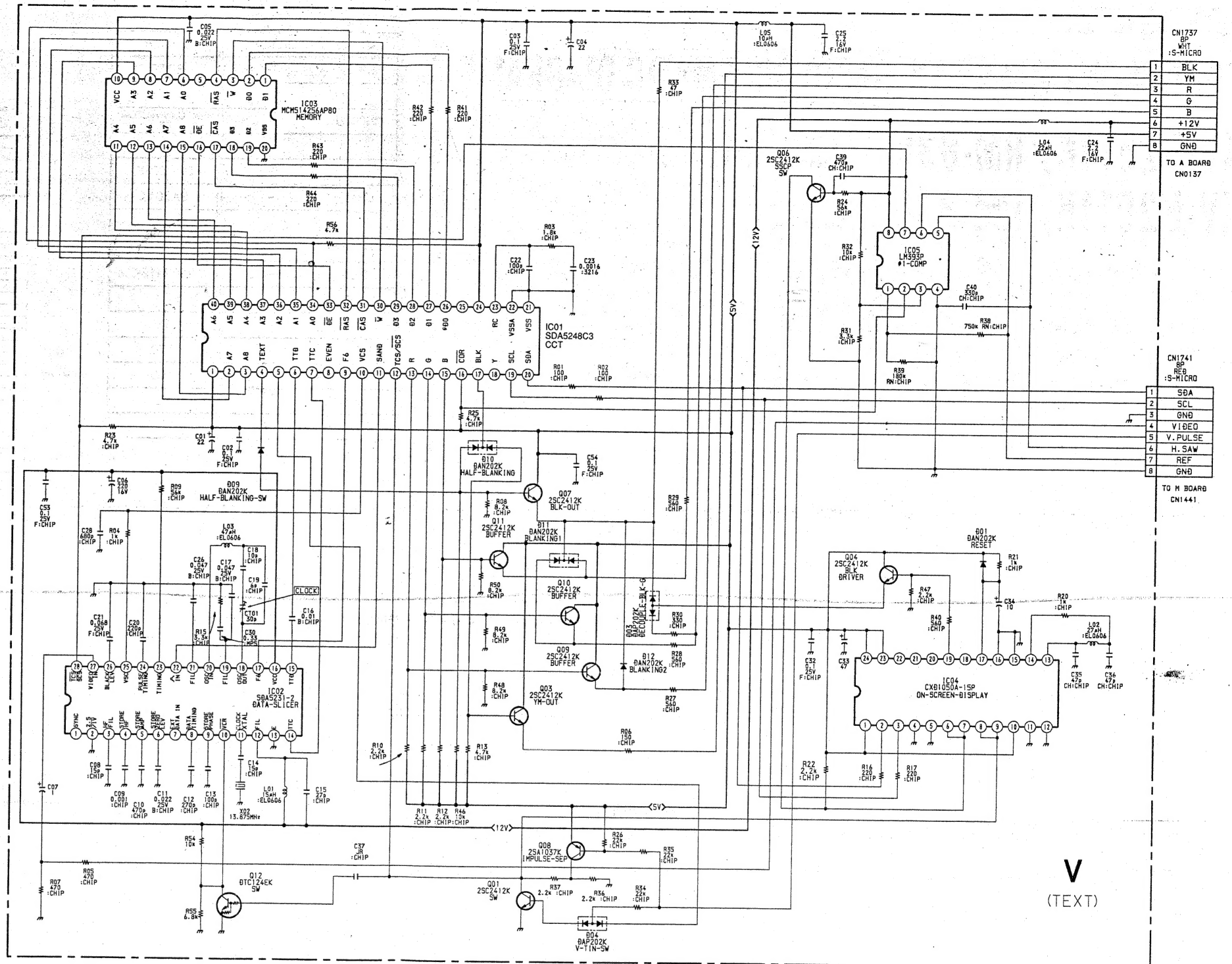
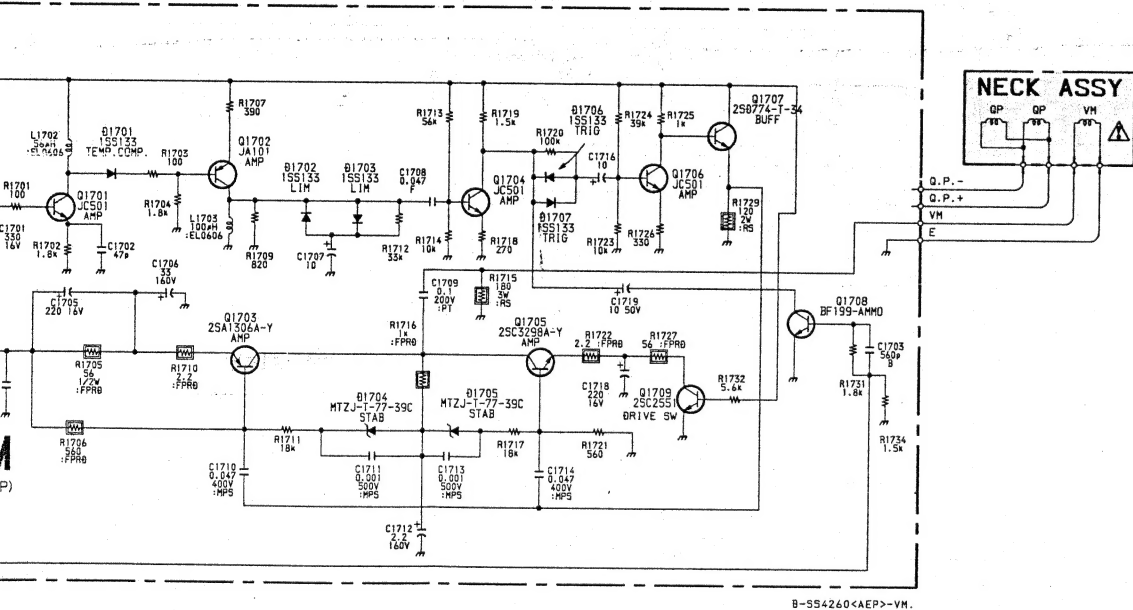


• D BOARD \* MARK

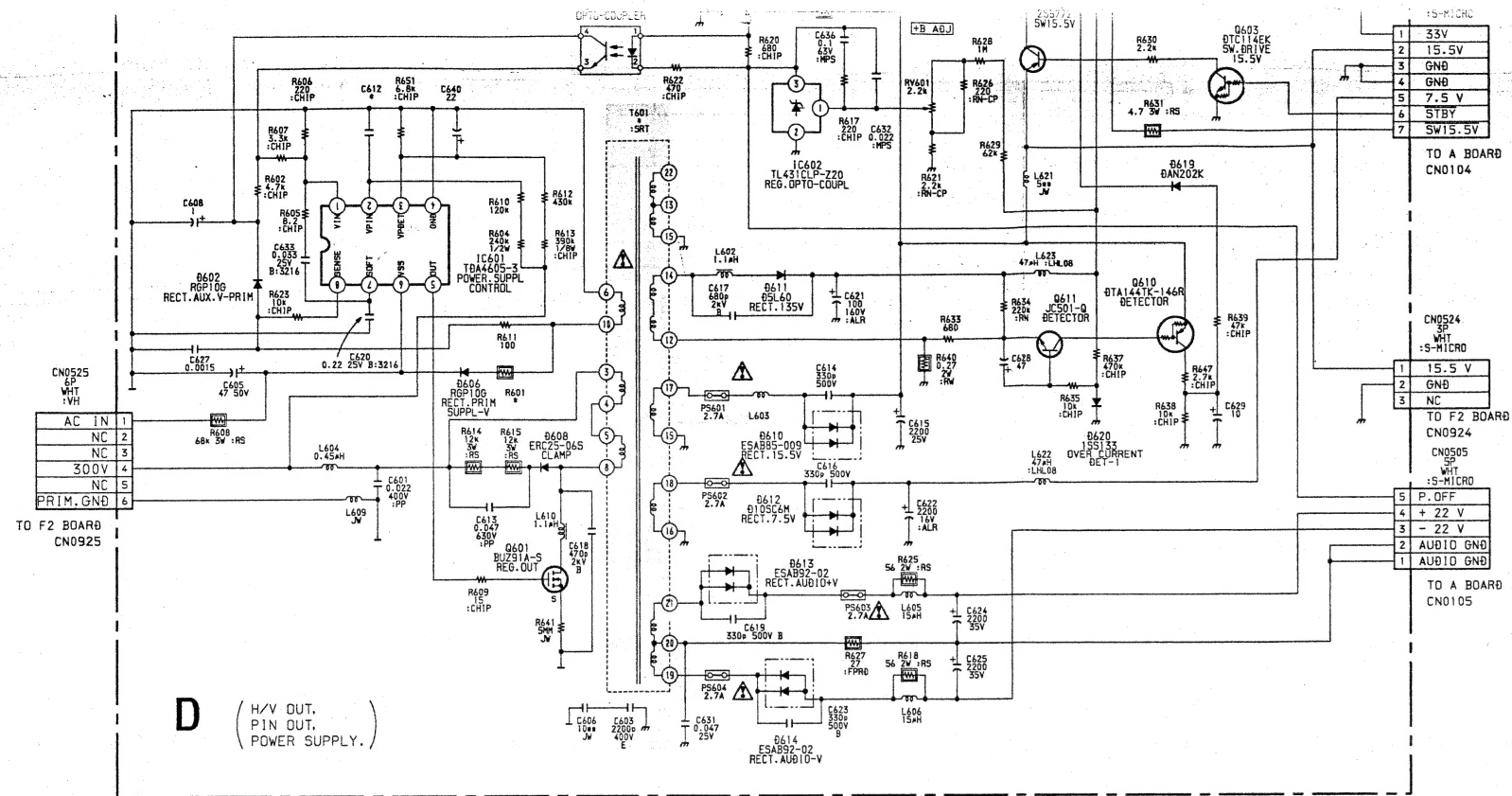
Ref. No.	25INCH	29INCH	Ref. No.	25INCH	29INCH
C612	0.0056	0.0068	R822	1.5K/3W F	1.2K/3W F
C824	0.0047	0.0022	R834	330K	150K
C827	0.047/100V	0.1/50V	R838	56K	68K
C833	1.8/200V	2/200V	R839	1.8K	3.6K
C834	0.62/200V	0.82/200V	R841	3.3 1/4W F	22 1/4W F
C851	0.0047/400V	0.001/50V	R847	100K	82K
Δ C854	330P/2KV	560P/2KV	R849	33 3W F	15 2W F
C863	0.047/100V	-	R864	30K	15K
C866	0.001/400V	-	R868	33K	15K
C1507	0.22/100V	0.27/100V	R1502	3.9K	3.6K
			R1509	56K	47K
R601	8.2/1W F	2.2/1W F			
R801	6.8K	1.5K	Δ T601	S. R. T (SMT 7)	S. R. T (SMT 89)
R821	1.5K/3W F	1.2K/3W F			



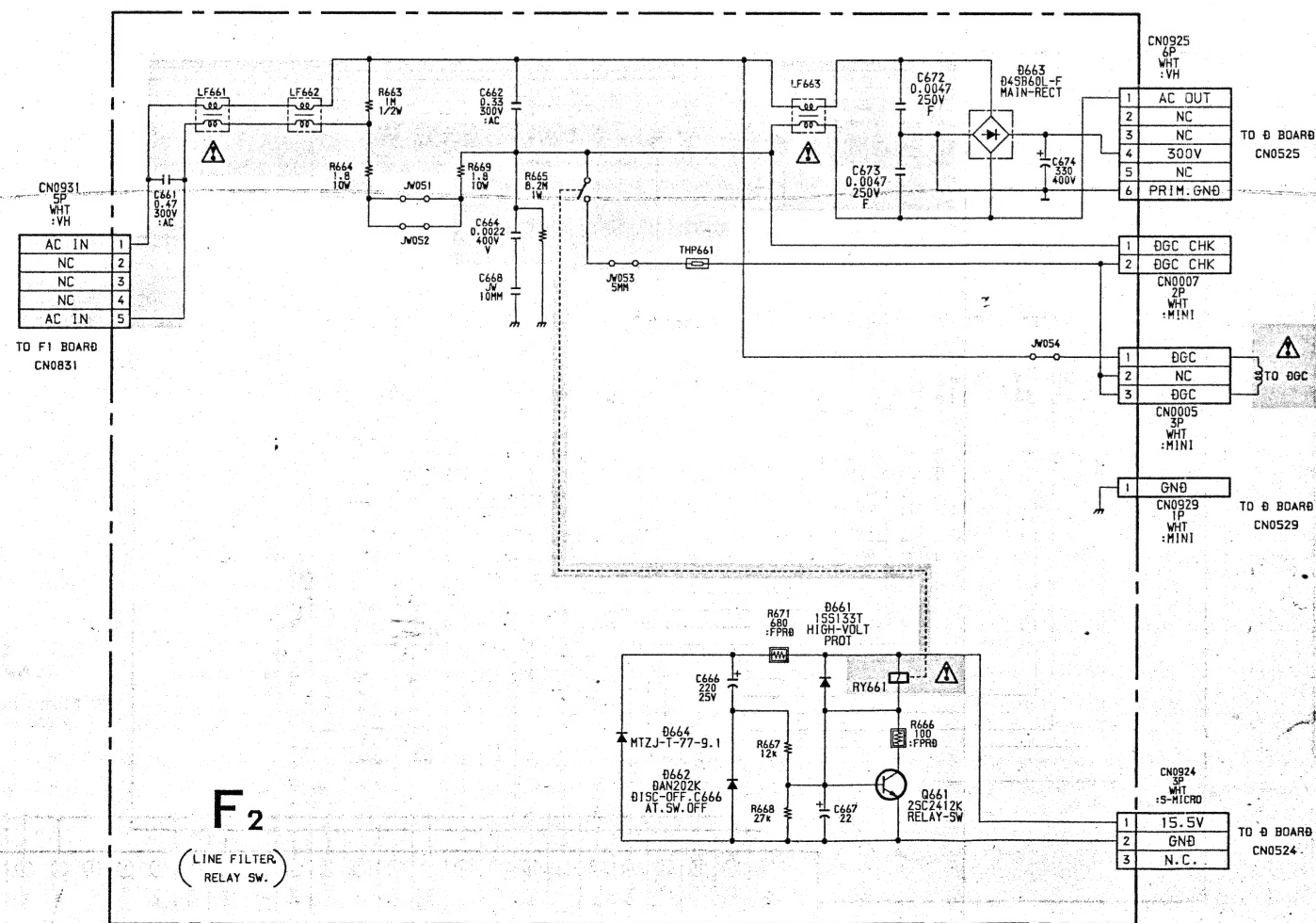
29INCH	Ref. No.	25INCH	29INCH
0.0068	R822	1.5K/3W F	1.2K/3W F
0.0022	R834	330K	150K
0.1/50V	R838	56K	68K
2/200V	R839	1.8K	3.6K
0.82/200V	R841	3.3 1/4W F	22 1/4W F
0.001/50V	R847	100K	82K
560P/2KV	R849	33 3W F	15 2W F
-	R864	30K	15K
-	R868	33K	15K
0.27/100V	R1502	3.9K	3.6K
	R1509	56K	47K
2.2/1W F			
1.5K	Δ T601	S. R. T (SMT 7)	S. R. T (SMT 89)
1.2K/3W F			



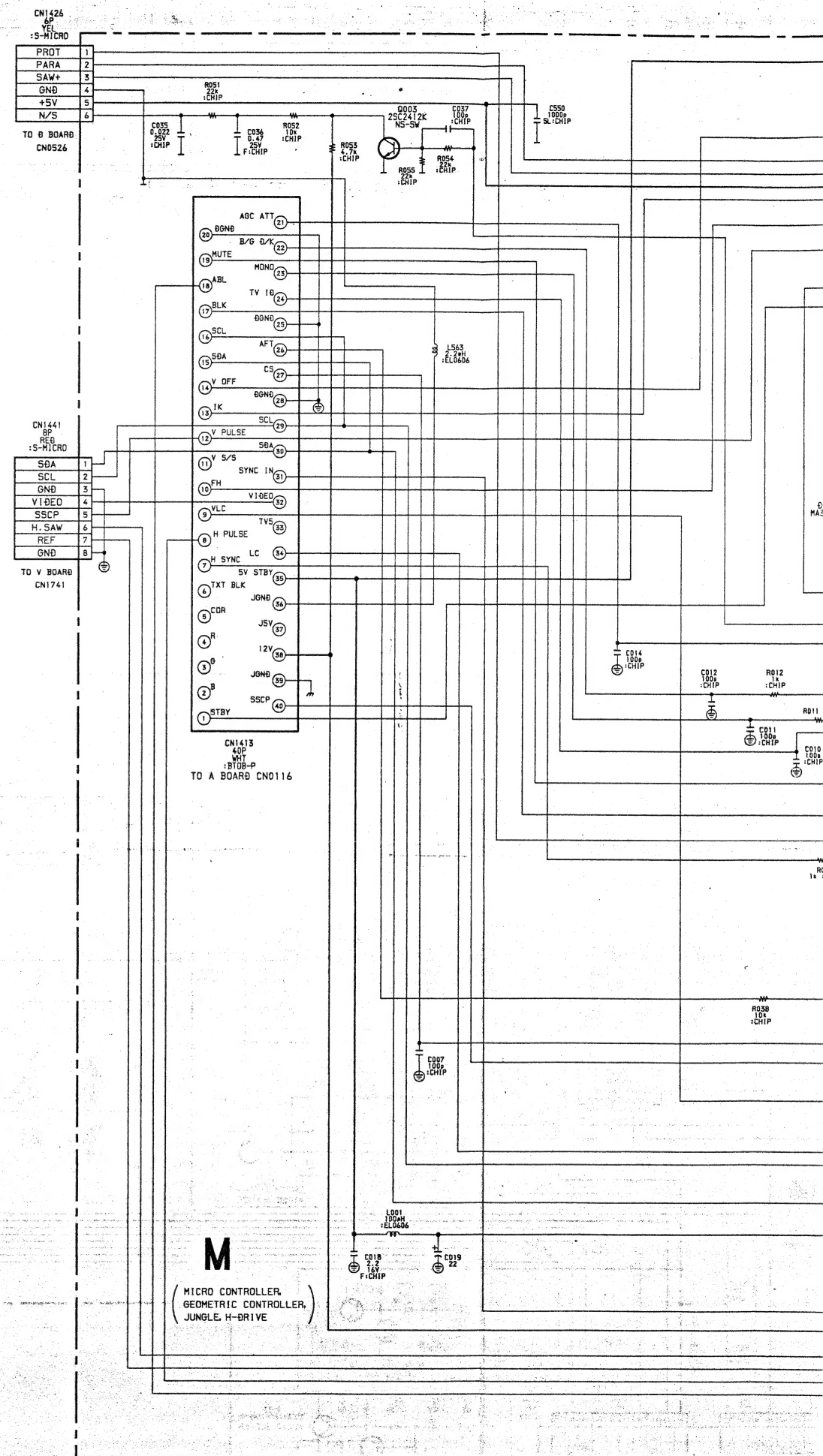


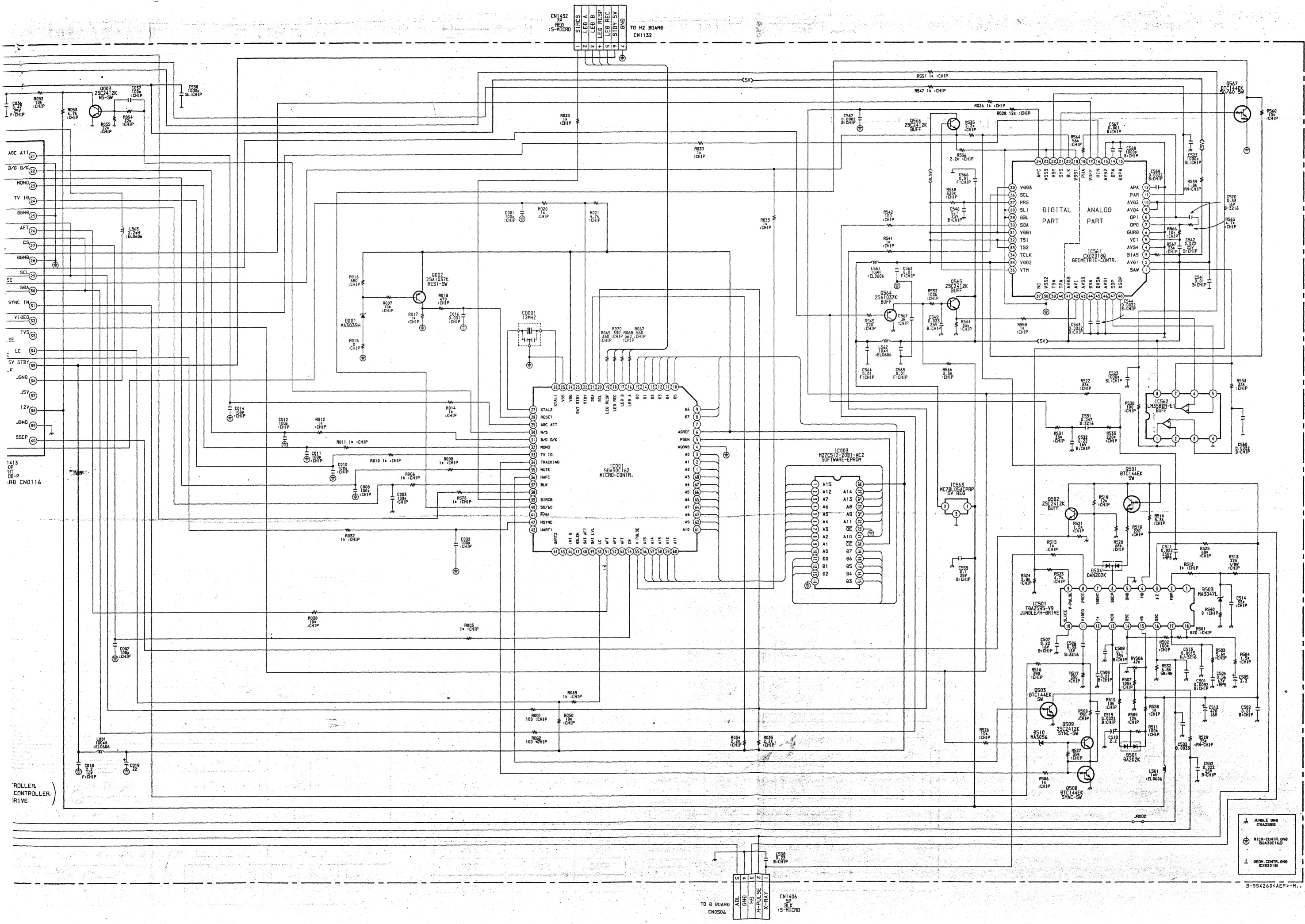


B-SS4266<DIR>-D..



B-SS4260<AEP>-F2.





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